

Amendment to the Claims

Claims 1-15 (Cancelled)

16. (Currently Amended) A sprinkler head cover comprising:

a housing adapted to be attached to a sprinkler head which is connected to a water supply piping and in which, in case of fire, a valve disposed inside said sprinkler head is opened~~open~~ to allow a fire-extinguishing liquid in the~~said~~ water supply piping to spread around;

a cover plate adapted to cover ~~ever~~said sprinkler head so that said sprinkler head cannot be seen from outside; and

a mount having a cylindrical configuration ~~installed in said housing~~ and having a hole inside thereof,~~extending therethrough~~, an upper portion of said mount being fixed to said housing and a lower portion of said mount being formed into a flange configuration defining in which a cover plate connecting surface of ~~said mount~~ has a ~~flange configuration~~,

wherein a gap is defined between said flange configuration and an opposing surface of said cover plate,

wherein a low melting point alloy is introduced into said hole of said mount, and
wherein said cover plate and said mount are connected to each other by solidifying a
molten low melting point alloy after its~~said low melting point alloy is melted by heating and~~
having flown out from said hole of said mount into the gap between said flange configuration
and to~~said~~ cover plate-side.

17. (Currently Amended) A sprinkler head cover in accordance with claim 16, wherein which said cover plate has a curved surface configuration and said cover plate connecting surface of said mount ~~having a flange configuration~~ defines an inclined-face ~~to be placed~~ in contact with said curved surface of said cover plate.

18. (Currently Amended) A sprinkler head cover in accordance with claim 17, wherein in which a notch is formed ~~an aligning means is disposed~~ in said cover plate connecting surface of said mount, and said notch serves as an aligning means when connecting said mount to said housing.

19-21. (Cancelled)

22. (New) A sprinkler head cover in accordance with claim 16, further comprising a leaf spring folded in three and disposed between said housing and said of a curved surface of said cover plate,

wherein a pawl is formed in an end of said leaf spring, and said pawl is locked in a cutout in a peripheral edge of said housing.

23. (New) A sprinkler head assembly comprising:

a sprinkler head connectable to a water supply piping;

a heat sensitive element disposed in a lower portion of said sprinkler head;

a valve disposed in said sprinkler head, said valve being operable to allow a fire-extinguishing liquid in the water supply piping to be dispersed;

a housing attached to said sprinkler head;

a cover plate for covering said sprinkler head;

a mounting member having a cylindrical configuration and a hole extending therethrough, wherein an upper portion of said mounting member is fixed to said housing and a lower portion of said mounting member defines a flange forming a cover plate connecting surface, wherein a gap is defined between said flange of said mounting member and an opposing surface of said cover plate;

a heat collector connected to said heat sensitive element, said heat collector comprising a plurality of plate-like heat collector members disposed in layers, and a plurality of vanes protruding radially in a diagonally downward direction so as to contact said cover plate when said cover plate is connected to said housing via said mounting member, wherein one of said plate-like heat collector members, placed in a bottom layer of said plate-like heat collector members, is formed of resilient material; and

a low melting point alloy inserted into said hole of said mounting member, wherein said cover plate and said mount are connected to each other by solidifying said molten low melting point alloy after said low melting point alloy is melted by heating and flown out from said hole of said mounting member into the gap between said flange of said mounting member and said cover plate.